

USS Virginia (SSN 774) Facts and Figures

Virginia is the first ship of a new submarine class. Virginia must take on almost 1,000 tons of seawater into the main ballast tanks to submerge! It does this by opening the main ballast tank vents located in the top of the ship and allowing water to enter into the 5 main ballast tank flood grates located on the bottom of the ship. Likewise to surface the Virginia all 1,000 tons of seawater must be blown back out of the 5 main ballast tanks.

Characteristics and Facts



Displacement	7,835 tons
Weight (surfaced).....	6,970 tons
Weight (submerged).....	7,841 tons
Length.....	377 feet
Beam.....	34 feet
Draft.....	32 feet
Maximum speed.....	In excess of 25 Knots
Maximum depth.....	In excess of 800 feet
Payload.....	38 weapons and special operations forces
Weapons Launch.....	Four 21-inch torpedo tubes and 12 vertical launch system tubes
Weapons.....	Tomahawk land attack missiles, Mark 48 advanced capability torpedos, advanced mobile mines, and unmanned under sea vehicles
Special Warfare.....	Dry Deck Shelter, Advanced SEAL Delivery System, nine man lockout
Sonars.....	Spherical active/passive arrays, lightweight wide aperture arrays, TV-16, TB-29 and future towed arrays, high-frequency sail and chin arrays
Countermeasures.....	Internal (reloadable), 14 external (non-reloadable)
Total crew size.....	134 men
Crew size (at sea).....	113 men
Number of bunks.....	118 (one additional in Executive Officer stateroom)
Size of bunk.....	76" long by 25" wide
Size of crew's mess.....	28 seats
Size of wardroom.....	10 seats
Number of water closetss.....	9 toilets (vacuum operated)
Number of sinks.....	10 (for washing and shaving)
Number of clothes washers.....	1
Number of clothes dryers.....	1
Frozen stores.....	405 cubic feet
Chilled stores.....	235 cubic feet
Computer/Information screens in control room.....	60



Submariners like to eat and some say we are the best fed in the Navy. On a typical 90 day load out of food stores you can expect to see the following on a pier being loaded by hand into the chilled, frozen, or dry storerooms.

Eggs.....1,350 dozen	Butter.....450 pounds	Sugar.....1,300 pounds
Flour.....3,200 pounds	Beef.....2,200 pounds	Chicken.....1,500 pounds
Fish.....260 pounds	Vegetables....2,100 pounds	Coffee.....500 pounds
Pasta.....900 pounds	Bug Juice (fruit flavored drinks).....22 mixed gallons per day	

For more information on
Virginia Class Submarines, visit:
www.sublant.navy.mil

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